## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Dwayne P. Terracina and

88888888 Quan V. Nguyen Examiner: Matthew J. Smith

Serial No.: 10/816,542

Confirmation No.: 9979 Filed: April 1, 2004

**Cutting Structure Based Hydraulics** For:

Customer No.: 23505

Atty. Dkt. No.: 1030-23100 (03-STR21)

Date: October 24, 2006

## REPLY TO FINAL OFFICE ACTION DATED AUGUST 24, 2006

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows and consider the following remarks in response to the final Office action dated August 24, 2006.

Amendments to the Claims are reflected in the listing of the claims that begins on page 2 of this paper.

Remarks begin on page 39 of this paper.